

Name: \_\_\_\_\_  
Parent Signature: \_\_\_\_\_

### Unit One Test Preparation Table

Fill in the table below to help organize your preparation for the Unit One test!

Remember that you should be spending TWENTY minutes per day on studying, including this WEEKEND!

Date	Item(s)	Start/End Time	Comments/Questions
<b>Friday, Oct 13</b>	Study Guide		
<b>Saturday/Sunday, Oct 14-15</b>	Study Guide		
<b>Monday Oct 16</b>	Study Guide		
<b>Tuesday, Oct 17</b>	Study Guide		
<b>Wednesday, Oct 18</b>  <b>*Study Guide Due*</b>			
<b>Thursday Oct 19</b> <b>TEST DAY ☺</b>			

### Studying Checklist

Directions: In addition to your study guide, please complete at check off at least 2-3 other activities in preparation for your test on Thursday, October 19<sup>th</sup>.

\_\_\_\_\_ Required: Complete the Study Guide in its entirety.

\_\_\_\_\_ Attend tutorial. You must sign up in advance.

\_\_\_\_\_ REDO problems from your homework/quizzes you did not answer correctly the first time.

\_\_\_\_\_ Complete EXAMPLE problems from each lesson without looking at the answer until it's time to check.

\_\_\_\_\_ Take the online lesson quizzes from the textbook (see codes below).

\_\_\_\_\_ Watch online video tutors on phschool.com (see codes below)

\_\_\_\_\_ Email Ms. Figueroa/Ms. Minera with any questions

**\*Ignore the textbook pages since you do not have a textbook\***

Lesson	Topic	Textbook Pages	IMNB Pages	Online Video Code	Online Quiz Code
1-1	Understanding Whole Numbers	4-7	5 and 6	aqe-0101	aqa-0101
1-2	Estimating with Whole Numbers	8-11	7 and 8	aqe-0102	aqa-0102
1-3	Properties of Numbers	12-15	11 and 12	aqe-0103	aqa-0103
1-4	Order of Operations	16-19	13 and 14	aqe-0104	aqa-0104
1-5	Understanding Decimals	22-25	21 and 22	aqe-0105	aqa-0105
1-6	Comparing Decimals	26-30	23-26	aqe-0106	aqa-0106
1-7	Adding/Subtracting Decimals	32-35	27 and 28	aqe-0107	aqa-0107
1-8	Multiplying Decimals	38-41	31, 32, 35	aqe-0108	aqa-0108
1-8b	Multiplying by Powers of 10	42	39 and 40	n/a	n/a
1-9	Dividing Decimals	44-47	41 and 42	aqe-0109	aqa-0109
1-1 to 1-4	Checkpoint Quiz 1	20	n/a	n/a	n/a
1-5 to 1-8	Checkpoint Quiz 1	43	n/a	n/a	n/a
All	Chapter 1 Review	52-53	n/a	n/a	n/a
All	Chapter 1 Test	54	n/a	n/a	n/a

### Multiplying Decimals (Goal: Complete over the weekend)

<p>1. When multiplying decimals, is it necessary to line up decimal points?</p> <p>a. YES                      b. NO</p>	<p>2. Which is the <u>best</u> way to set up <math>0.3 \times 3.45</math>?</p> <p>a)    <math>\begin{array}{r} 3.45 \\ \times 0.3 \end{array}</math>                                      b.    <math>\begin{array}{r} 3.45 \\ \times 0.30 \end{array}</math></p>
<p>3. Place the decimal point in the product correctly:</p> <p style="text-align: center;"> <math>\begin{array}{r} 1.35 \\ \times 3.3 \\ \hline 4455 \end{array}</math> </p>	<p>4. Place the decimal point in the product correctly:</p> <p style="text-align: center;"> <math>\begin{array}{r} 3.14 \\ \times 0.02 \\ \hline 628 \end{array}</math> </p>
<p>5.                      <math>13 \times 0.8</math></p>	<p>6.                      <math>3.21 \times 9.8</math></p>
<p>7.                      <math>1.2 \times 29.5</math></p>	<p>8.                      <math>1.23(45)</math></p>
<p>9.                      <math>0.54 \cdot 17</math></p>	<p>10.                      <math>4.25 \times 0.15</math></p>

Dividing Decimals (Goal: Complete over the weekend)

**1.             $12.12 \div 6$**

**2.             $27.76 \div 4$**

**3.             $38.27 \div 43$**

**4.             $38.4 \div 0.08$**

**5.             $21.6 \div 0.06$**

**6.             $8.5 \div 0.5$**

**7.             $16.8 \div 2.4$**

**8.             $41.76 \div 0.8$**

Chapter 1 Test Study Guide (Goal: Complete Monday & Tuesday Night)

Write each number in words.

1. 4,000,035	2. 15.032	3. 157.3
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Write the numbers in order from least to greatest.

4. 1,010 ; 1,100 ; 1,001 ; 1,101	5. 23, 23.2, 23.25, 23.03
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Estimate using compatible numbers.

6. $6,012 \div 99$	7. $8,989 \div 3$
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Use mental math to find each sum or product. Show your thought process.

8. $2 \times 13 \times 5$	9. $16 + 3 + 4 + 7$
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Find the value of each expression. Show your work step by step. (Remember the Order of Operations)

10. $30 - 5 + 4 \times 3$	11. $5 \times 8 + 4 \div 2$
12. Insert operation symbols to make the statement true (optional) $14 \underline{\quad} 7 \underline{\quad} 2 \underline{\quad} 3 = 7$	

(Goal: Complete Monday & Tuesday Night)

Round each decimal to the given place value.

13. Round 45.16 to the nearest tenth.	14. Round 98.645 to the nearest tenth.	15. Round 5.125 to the nearest hundredth.
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Find each sum or difference. Show your work.

16. $337.4 + 20.08$	17. $1.741 - 0.81$
18. $1.6 + 1.8$	19. $9.6 - 7.9$
20. $4.12 - 0.253$	21. $2.01 + 5.39$

Select the two equations in each problem that are true when 24.05 is entered in the blank.

22.  A. _____ + 12.03 = 46.08 B. $5.02 + \underline{\hspace{2cm}}$ = 29.07 C. $55 - \underline{\hspace{2cm}}$ = 30.95 D. $13.01 + \underline{\hspace{2cm}}$ = 35.06 E. _____ - 13 = 10.05	23.  A. _____ x 10 = 24.05 B. $100 \times \underline{\hspace{2cm}}$ = 2,405. C. _____ ÷ 100 = 2.405 D. $1000 \times \underline{\hspace{2cm}}$ = 240.5 E. _____ ÷ 10 = 2.405
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